

SEQUENCE LISTING

<110> Quibell, Martin  
Taylor, Steven  
Grabowska, Urszula  
Nilsson, Magnus  
Morrison, Veronique

<120> Cysteine Protease Inhibitors

<130> 1718-0208P

<140>

<141> 2003-10-03

<160> 4

<170> PatentIn version 3.1

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<212> DNA

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<223> Primer for cDNA of cysteinyl proteinase (Falcipain 2)

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<210> 2

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<223> Primer for cDNA of cysteinyl proteinase (Falcipain 2)

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aac aaa tat ctt agt tta aga tct tca aaa cca tta aag aat tct aaa		95
Asn Lys Tyr Leu Ser Leu Arg Ser Ser Lys Pro Leu Lys Asn Ser Lys		
20              25              30		
tat tta tta gat caa atg aat tat gaa gaa gtt ata aaa aaa tat aga		143
Tyr Leu Leu Asp Gln Met Asn Tyr Glu Glu Val Ile Lys Lys Tyr Arg		
35              40              45		
gga gaa gaa aat ttc gat cat gca gct tac gac tgg aga tta cac agt		191
Gly Glu Asn Phe Asp His Ala Ala Tyr Asp Trp Arg Leu His Ser		
50              55              60		
ggt gta aca cct gta aag gat caa aaa aat tgt gga tct tgc tgg gcc		239
Gly Val Thr Pro Val Lys Asp Gln Lys Asn Cys Gly Ser Cys Trp Ala		
65              70              75		
ttt agt agt ata ggt tcc gta gaa tca caa tat gct atc aga aaa aat		287
Phe Ser Ser Ile Gly Ser Val Glu Ser Gln Tyr Ala Ile Arg Lys Asn		
80              85              90              95		
aaa tta ata acc tta agt gaa caa gaa tta gta gat tgt tca ttt aaa		335
Lys Leu Ile Thr Leu Ser Glu Gln Glu Leu Val Asp Cys Ser Phe Lys		
100            105            110		
aat tat ggt tgt aat gga ggt ctc att aat aat gcc ttt gag gat atg		383
Asn Tyr Gly Cys Asn Gly Gly Leu Ile Asn Asn Ala Phe Glu Asp Met		
115            120            125		
att gaa ctt gga ggt ata tgt cca gat ggt gat tat cca tat gtg agt		431
Ile Glu Leu Gly Gly Ile Cys Pro Asp Gly Asp Tyr Pro Tyr Val Ser		
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gat gct cca aat tta tgt aac ata gat aga tgt act gaa aaa tat gga		479
Asp Ala Pro Asn Leu Cys Asn Ile Asp Arg Cys Thr Glu Lys Tyr Gly		
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atc aaa aat tat tta tcc gta cca gat aat aaa tta aaa gaa gca ctt		527
Ile Lys Asn Tyr Leu Ser Val Pro Asp Asn Lys Leu Lys Glu Ala Leu		
160            165            170            175		
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Arg Phe Leu Gly Pro Ile Ser Ile Ser Val Ala Val Ser Asp Asp Phe		
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gct ttt tac aaa gaa ggt att ttc gat gga gaa tgt ggt gat gaa tta		623
Ala Phe Tyr Lys Glu Gly Ile Phe Asp Gly Glu Cys Gly Asp Glu Leu		
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Asn His Ala Val Met Leu Val Gly Phe Gly Met Lys Glu Ile Val Asn		
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225 230 235	
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240 245 250 255	
gat gaa tca gga tta atg aga aaa tgt gga tta ggt act gat gca ttc Asp Glu Ser Gly Leu Met Arg Lys Cys Gly Leu Gly Thr Asp Ala Phe	815
260 265 270	
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Glu Glu Asn Phe Asp His Ala Ala Tyr Asp Trp Arg Leu His Ser Gly	886
50 55 60	

Val Thr Pro Val Lys Asp Gln Lys Asn Cys Gly Ser Cys Trp Ala Phe	886
65 70 75 80	

Ser Ser Ile Gly Ser Val Glu Ser Gln Tyr Ala Ile Arg Lys Asn Lys	886
85 90 95	

Leu Ile Thr Leu Ser Glu Gln Glu Leu Val Asp Cys Ser Phe Lys Asn	886
100 105 110	

Tyr Gly Cys Asn Gly Gly Leu Ile Asn Asn Ala Phe Glu Asp Met Ile  
115 120 125

Glu Leu Gly Gly Ile Cys Pro Asp Gly Asp Tyr Pro Tyr Val Ser Asp  
130 135 140

Ala Pro Asn Leu Cys Asn Ile Asp Arg Cys Thr Glu Lys Tyr Gly Ile  
145 150 155 160

Lys Asn Tyr Leu Ser Val Pro Asp Asn Lys Leu Lys Glu Ala Leu Arg  
165 170 175

Phe Leu Gly Pro Ile Ser Ile Ser Val Ala Val Ser Asp Asp Phe Ala  
180 185 190

Phe Tyr Lys Glu Gly Ile Phe Asp Gly Glu Cys Gly Asp Glu Leu Asn  
195 200 205

His Ala Val Met Leu Val Gly Phe Gly Met Lys Glu Ile Val Asn Pro  
210 215 220

Leu Thr Lys Lys Gly Glu Lys His Tyr Tyr Tyr Ile Ile Lys Asn Ser  
225 230 235 240

Trp Gly Gln Gln Trp Gly Glu Arg Gly Phe Ile Asn Ile Glu Thr Asp  
245 250 255

Glu Ser Gly Leu Met Arg Lys Cys Gly Leu Gly Thr Asp Ala Phe Ile  
260 265 270

Pro Leu Ile Glu His His His His His  
275 280